35mm Compact Camera

C-325EF

Panasonic

Compact

Operating Instructions

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Fig. A

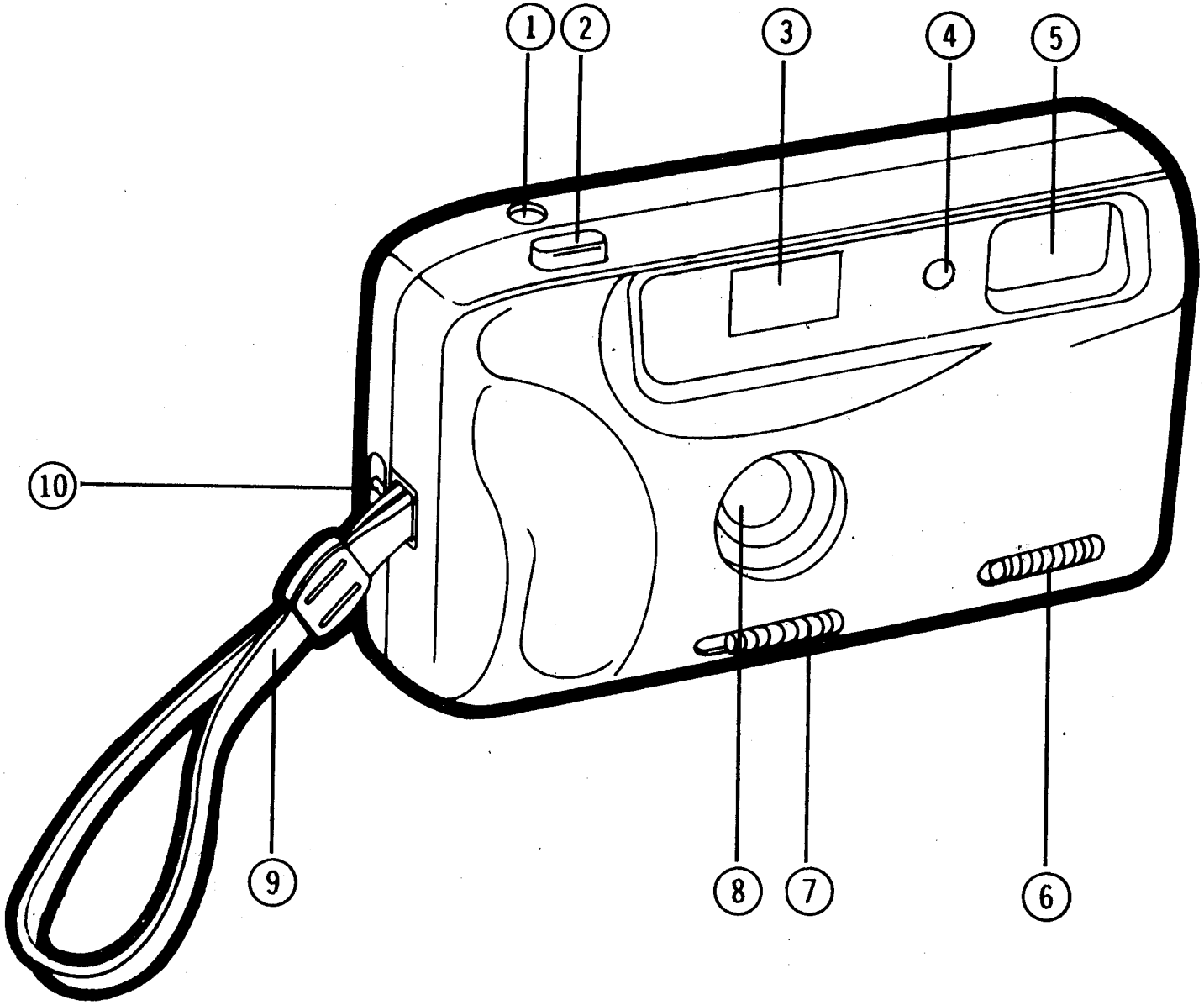
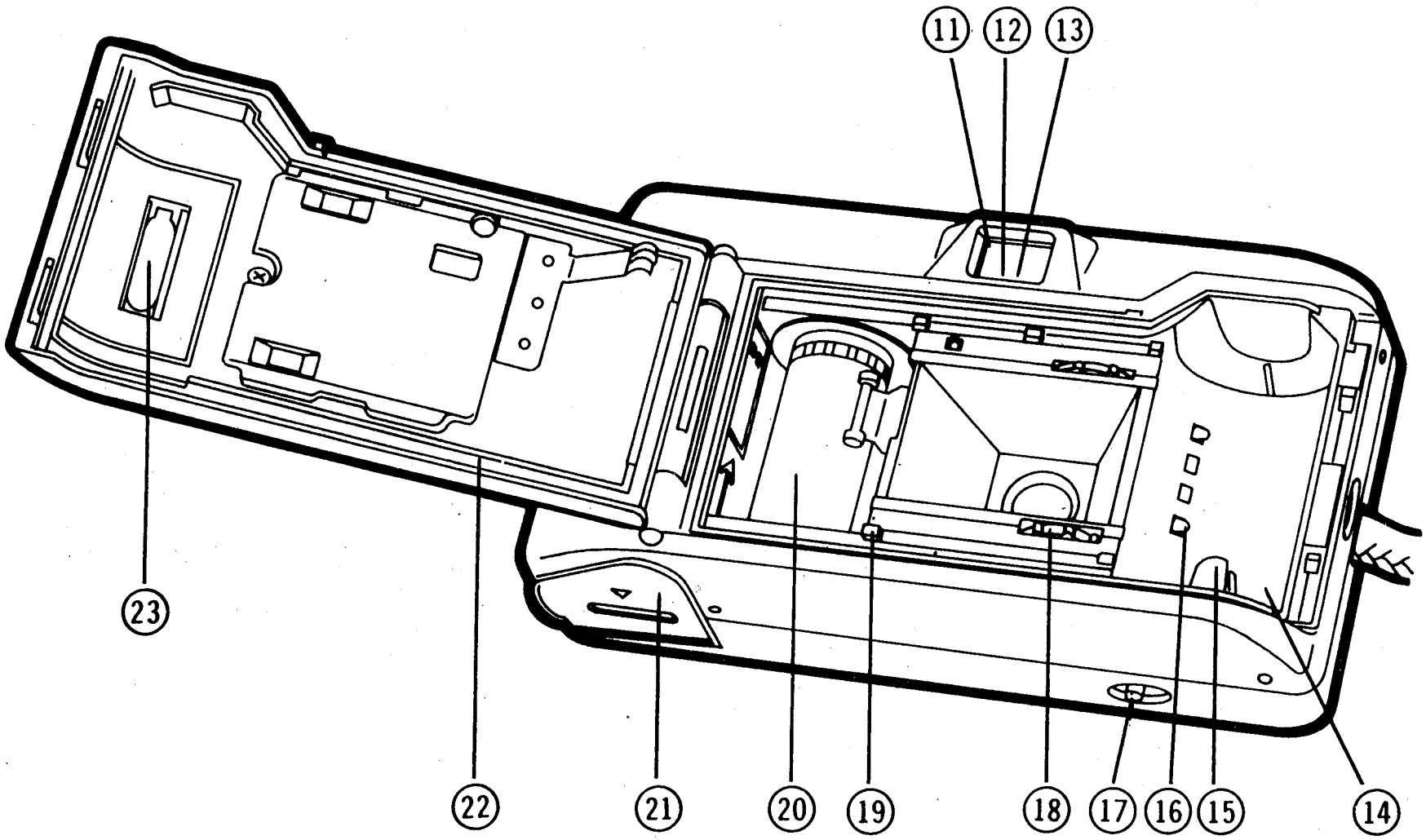


Fig. B



For Fig. C, D, E, F, G, & H, refer to the end of booklet.

ENGLISH

Dear Owner
Thank you for selecting this 35mm Compact Camera. We welcome you to the growing family of satisfied owners of our products around the world. We feel certain you will be satisfied with this new aid to your photographic creativity. Please read this operating instructions booklet and keep it handy for your reference.

■ Parts Identification

(Fig. A)
① Film frame counter window
② Shutter release button
③ Viewfinder window
④ Exposure sensor
⑤ Electronic flash
⑥ Daylight synchro switch
⑦ Lens cover switch
⑧ 34mm F5.6 lens
⑨ Strap
⑩ Back cover latch

(Fig. B)
⑪ Viewfinder eyepiece
⑫ Green LED (Flash ready indicator)
⑬ Red LED (Low light warning indicator)
⑭ Film chamber
⑮ Film rewind spindle
⑯ DX decoding contacts
⑰ Film rewind switch
⑱ Film sprocket
⑲ Film guide
⑳ Take-up spool
㉑ Battery compartment cover
㉒ Back cover
㉓ Film confirmation window

1 Installing the Batteries

(1) Open the battery compartment cover by pushing in the direction of arrow.
(2) Insert two new AA size alkaline batteries with the correct positive (+) and negative (−) polarity as indicated by the printed diagram inside the battery compartment.
Naturally we recommend Panasonic Batteries.
(3) Push down the battery compartment cover to close securely.

■ **Replace the batteries when:**

A) The film winding speed is slower than usual.
B) The green LED does not come on within 10 sec., after depressing the shutter release button halfway with the lens cover opened.

A or B means that the batteries are weak and there may be insufficient power to operate the camera.

NOTE: The Manganese batteries are not powerful enough for performance. Ni-Cd re-chargeable batteries cannot also be used.

2 Sliding the Lens Cover (Fig. C)

To open the lens cover, slide its switch to the right.
To close the cover, slide the switch to the left.

NOTE: When the lens cover is closed, the shutter does not operate. When the camera is not in use, close the lens cover to prevent accidental exposures and protect the camera.

3 The Film Speed is Set Automatically for Flash.

ISO Number of Film	DX Setting Position of Camera
ISO 50 ISO 100 ISO 200 Non-DX coded Film	100
ISO 400 ISO 1000 ISO 1600	400

(Low light warning only)

NOTE: Using a higher speed film, you may have an overexposed picture, if you take a picture where the ambient light is very high, such as under a hot sun.

4 Loading the Film

(1) Push the back cover latch in direction of arrow and pull open the cover.
(2) Insert the bottom of the cartridge into the bottom of the film chamber, then lower the other end in and snap into position.
(3) Pull the film leader across and align it with the yellow film illustration, shown on the left hand corner of the take-up spool. Be careful not to let the leader extend too far beyond the yellow illustration, as it may cause excessive film slack. Make sure film rests flat between the guides and over the teeth of the sprockets. (Fig. D, E)
(4) Close the back cover until you hear a click, indicating that it is securely locked. If the cover does not close properly with the film in place, check to make sure that it is lying flat between the guides and the cartridge is snug in the chamber.
(5) After the cover is closed, depress the shutter release button and advance the film until the number "1" appears in the frame counter window.

NOTE: The counter will only work with film properly installed in the camera. If film counter will not advance, repeat steps (1) to (5).

5 Holding the Camera

The camera must be held correctly to ensure consistently good, sharp photographs. It should be held steadily and comfortably while you are taking photographs. Illustrations show the correct ways to hold the camera in both the vertical and horizontal positions. Be careful not to block the flash, exposure sensor and lens with your fingers. (Fig. F)

6 Viewfinder

Look through the viewfinder eyepiece, frame your picture with the most desirable composition. Keep in mind that the minimum focusing distance of the camera is 1.3m.

7 Taking Pictures

1. Automatic Photography

(1) The camera is focus free and does not require focusing. If there is sufficient light, simply compose and shoot. Then, you can get a proper exposed picture. After you take each picture, the film will advance to the next frame automatically.

(2) Flash Photography

If there is not enough light for a proper exposure (either indoors or out), the red LED (Low light indicator) in the viewfinder will glow when you depress the shutter release button halfway. This indicates that the flash should be used. Wait for the green LED (Flash ready indicator) to glow, and depress the shutter release button fully. You can then take a flash picture.

Proper flash exposure depends on the film speed and the camera-to-subject distance.

Photograph range with flash

Film Speeds	Flash Range
ISO 100	1.3m - 3.0m
ISO 400	1.3m - 6.0m

2. Daylight synchro Photography

When photographing a subject in the shade, or against the sun or bright window, the flash can be used.
After making sure the green LED is lit, push the daylight synchro switch in the direction of arrow and hold it in place, then release the shutter.(Fig. G)
The daylight synchro switch is automatically returned to its original position after use.

8 Removing the Film

At the end of the film roll, the frame counter will cease to advance. Rewind the film by pushing the film rewind switch in the direction of arrow.(Fig. H)When rewinding is complete and the motor has stopped, open the back cover and remove the film cartridge from the chamber. The film rewind switch will return to its original position automatically.

Trouble Shooting Guide

[Description]	[Solution]
Subject out of focus	Subjects must be 1.3m or more from the camera.
Flash fails to function	Clean battery terminals with pencil sharpener if dirty or corroded. Or replace batteries.
Flash pictures have dark area(s)	Make certain fingers are clear of flash. (Have subject watch for this.)
Flash pictures too dark overall	Subject(s) must be within specified flash range. See Section 7-1.
Flash pictures too light	Place subjects at least 1.3m from flash.
Subject's eyes reflect red	Increase room light if possible. Have subject(s) look slightly away from flash—towards room light is beneficial.
Short battery life	Use AA Alkaline batteries.

Specifications

Type:	35mm lens shutter camera with built-in flash
Film Format:	24mm × 36mm (135 film magazine)
Lens:	34mm F5.6 (3 elements in 3 groups)
Focus:	Focus free
Focus Range:	1.3m - infinity
Exposure:	ISO 100/400
	Daylight F9.0 (1/130sec.)
	Flash F5.6 (1/130sec.)
Viewfinder:	Reverse galilean type
Film-speed Setting (ISO):	DX automatic settings (100, 400) (Low light warning only)
Film Loading:	Automatic (with film confirmation window)
Film Advance:	Automatic winding
Film Rewind:	Automatic via film rewind switch

Built-in Flash:	Auto mode: automatic switchover for low lighting levels (ISO 100: less than EV11) Daylight synchronization mode: flash
Flash Operating Range:	ISO 100: 1.3m - 3.0m
Flash Recycling Time:	Approx. 5 sec. (with new AA alkaline batteries)
Battery Life:	Approx. 15 rolls of 24 exposures film (with new alkaline batteries, using flash for approx. 50% of shots)
Power Source:	Two 1.5V AA size alkaline batteries
Dimensions:	128(W) X 48(D) X 71(H)mm
Weight:	Approx. 195g (without batteries and film)

Specifications subject to change without notice.

Fig. C

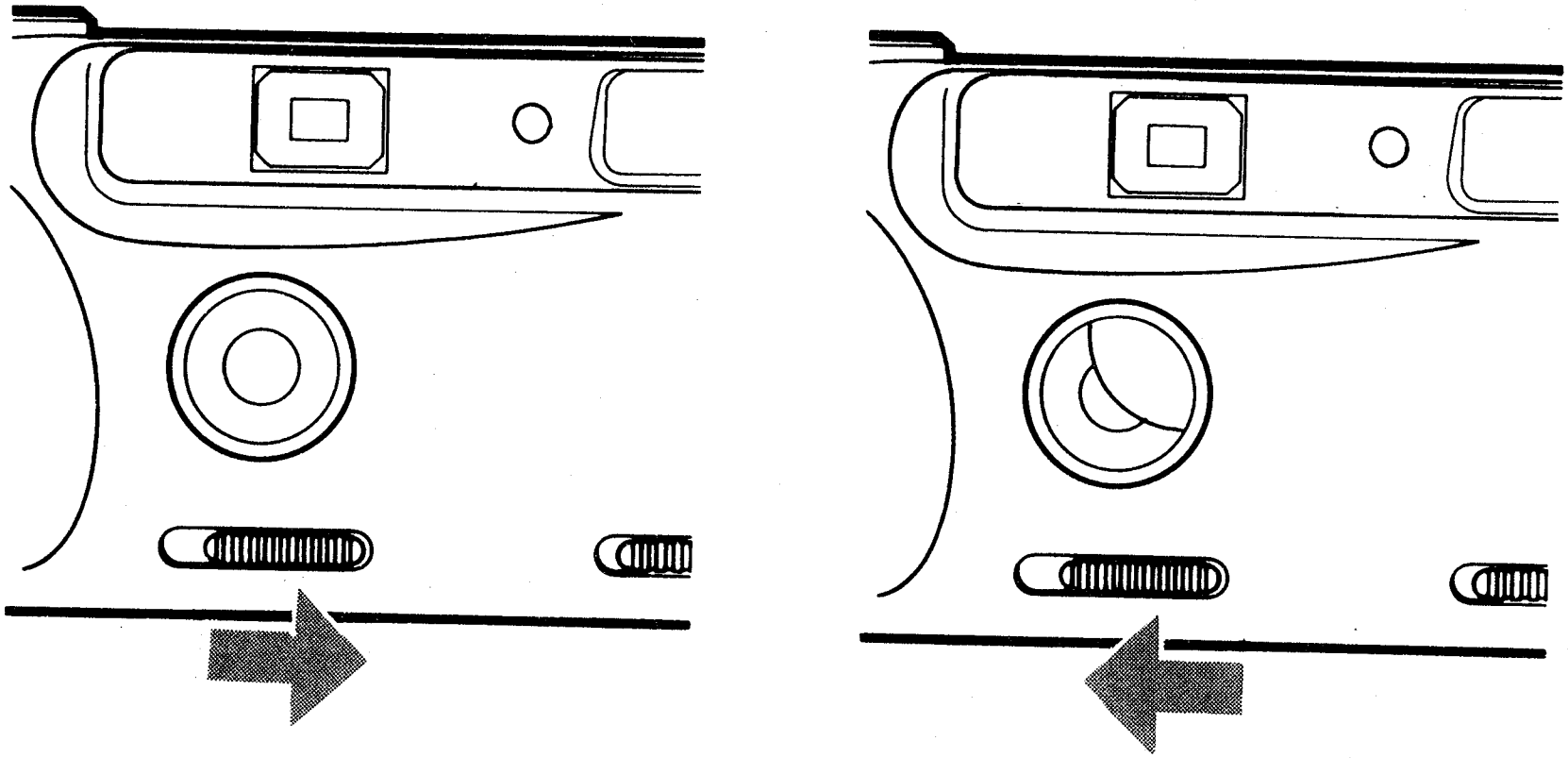


Fig. D

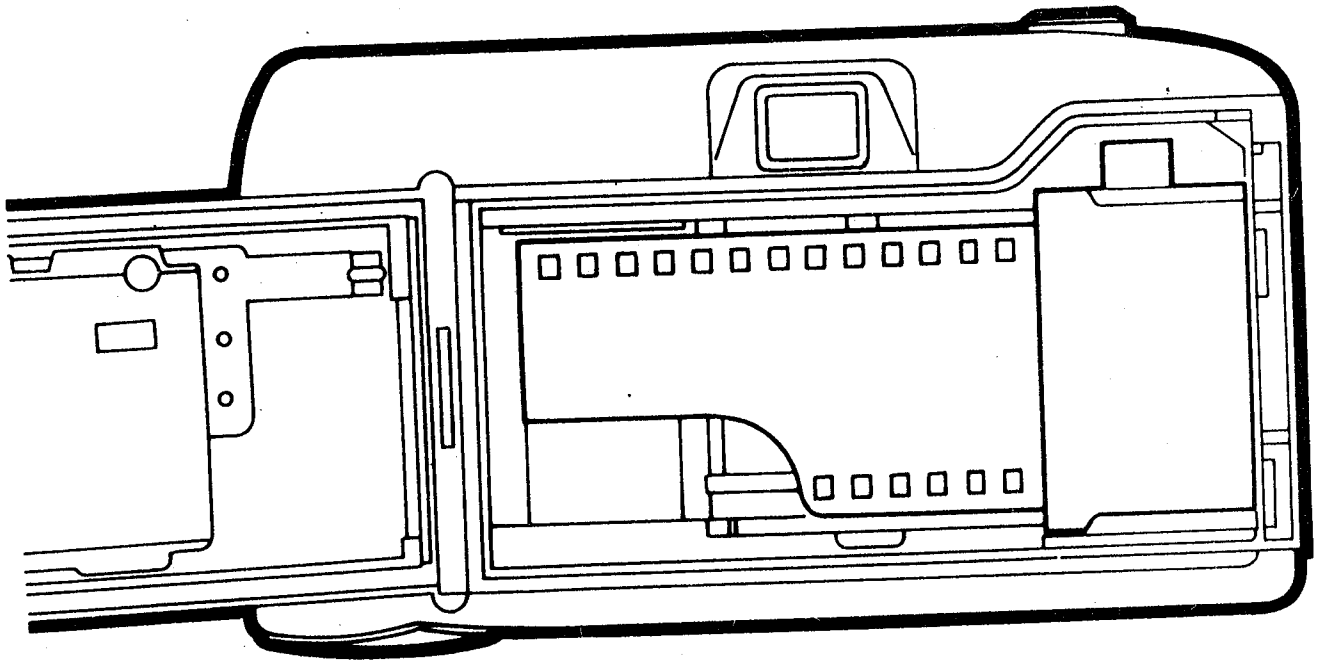


Fig. E

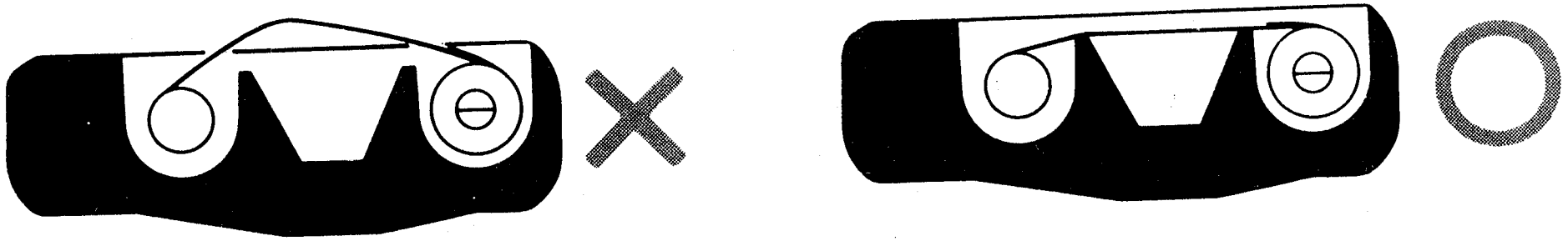


Fig. F

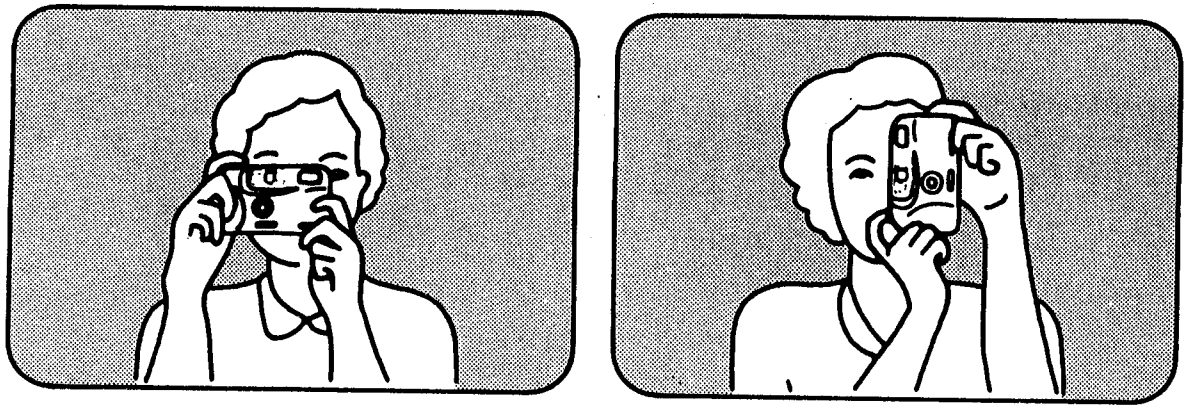


Fig. G

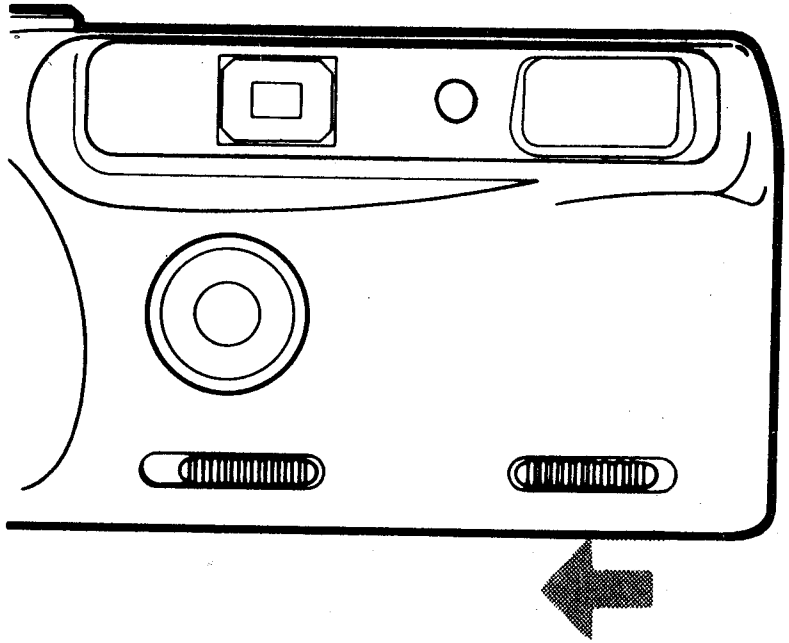


Fig. H